

## I. IDENTIFICATION INFORMATION

Veolia ES Technical Solutions (Veolia) owns and operates a Resource Conservation and Recovery Act (RCRA) treatment, storage and disposal facility in Sauget, Illinois. The primary facility activities include receipt of bulk waste or waste in containers, waste processing, waste storage, and waste incineration in one of three combustion units. The facility operates in accordance with a Title V permit to operate, Permit No. V-IL-12716300103-08-01 issued in accordance with 40 CFR Part 71 by USEPA Region 5 and the most recent Notification of Compliance (NOC) that contains operating limits for the combustors. In addition, Veolia operates in accordance with a hazardous waste Part B permit for treatment, storage, and disposal of hazardous waste.

### A. Facility Information

**Facility Name:** Veolia ES Technical Solutions (Veolia)  
**Plant ID:** 1716300103  
**Address:** #7 Mobile Avenue  
Sauget, IL 62201-1069  
St. Clair County  
**Geographical:** Latitude 38.59447  
Longitude -90.1854  
**Permit Contact:** Douglas Harris, General Manager

Please refer to Form GIS of the standard application forms for additional specific facility information. The forms are contained in Section VI of this document.

### B. Source Description

The Veolia facility is comprised of emission units that have been grouped into twelve defined source emission points. There have been no physical changes to the existing emission units as described in the original Title V permit application. No emission units have been added since the original Title V permit became effective (October 12, 2008). The grouped sources, therefore, are provided below as they are listed in Permit #V-IL-1716300103-08-01, Section (1.0)(B).

Emission Unit	Description	Manufacturer /Model	Date of Construction	Emission Control Equipment
Hazardous Waste Combustors	Incineration Unit #2 (16 mmBtu/hr)	Trade Waste Incineration TWI-2000, Series 2	9/1986	Joy-Niro Spray Dryer Absorber (SDA-2), Pulse Flo Fabric Filter (BH-2)
	Incineration Unit #3 (16 mmBtu/hr)	Trade Waste Incineration TWI-2000, Series 2	9/1986	Joy-Niro Spray Dryer Absorber (SDA-3), Pulse Flo Fabric Filter (BH-3)

<b>Emission Unit</b>	<b>Description</b>	<b>Manufacturer /Model</b>	<b>Date of Construction</b>	<b>Emission Control Equipment</b>
	Incineration Unit #4 (50 mmBtu/hr)	International Waste Energy, PY*ROX	6/1988	Tempering Chamber, Activated Carbon Injection, Spray Dryer Absorber (SDA-4), Fabric Filter (BH-4)
Material Processing Areas	Material Processing Areas #1 and #2 (MP-1 and MP-2)		1988	None
	Lab Pack Repack Area		1988	None
Drum Crusher	Crushing of RCRA-empty containers		1984	None
Storage Tanks for Liquid Wastes	Tanks: #2, #4, #6, #8, #10, #20, #30, #40, #50, #60, #300, #302, #304, #306, #308, #310, #312, #314	Modern Welding	1988 2&4 replaced in-kind 4/2002 10&20 replaced in-kind 6/2004 30 replaced in-kind 3/2009	Activated Carbon Adsorbers on each
Storage Tank for #2 Fuel Oil	Tanks #390	Modern Welding	1988	None
Bulk Feed Building (BF Bldg)	Temporary storage of bulk solid wastes in pits prior to being fed to Incineration Unit #4		1988	Cyclone, Airtol Baghouse (BF Bldg-BH-1), Activated Carbon Adsorption Unit (BF Bldg-CA)
Gasoline Storage Tank	550-gallon tank with submerged loading pipe		1992 replaced in-kind 6/2012	None
Diesel Fuel Tank (Insignificant)	550-gallon tank		1992 replaced in kind 6/2012	None
Kerosene Tank (Insignificant)	550-gallon tank		1992 replaced in kind 6/2012	None
Boiler #1	Natural gas-fired Boiler (10.6 mmBtu/hr)	Cleaver Brooks, 250	11/1995	None
Emergency Generators -2	#2 Fuel oil-fired (0.4 MMBtu/hr ea.)		1988	None
Fugitive Emissions	Pumps, Valves, Flanges, Open-ended Lines, Compressors		N/A	None

Descriptions of emission units and control equipment are provided on the standard application forms EUD-1 and EUD-2 found in Section VI of this document.